



National Transmission System

Gas Connection Application Guide

17th October 2018

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Introduction

Welcome

We have created this document to assist and walk through the process required to make a Gas NTS Connection Application.

We have an online applications portal where you can submit new applications and view the status at any time. If you wish to register or access the National Grid Connections Application Portal, please use the following link <https://www.nationalgridgas.com/connections/applying-connection>. Dependent upon your inputted parameters, your application will be assessed and directed either via a standard or bespoke connection route. Once this is established the application will continue follow the Application to Offer Process (A2O).

An initial pre-application meeting is offered for any customer wishing to connect to the NTS, discussion points would typically include location required, network operability concerns, anticipated capacity requirements along with costs and timescales. If you wish to arrange a meeting with the Gas Customer Contracts Team please send an email to .box.ukt.customerlifecycle@nationalgrid.com. We suggest that you take some time to read through the associated documents section on page 24 in readiness for your discussion to ensure that your meeting is as effective as possible.

Please note that applications for capacity reservation are considered separately and reference should be made to the information available regarding Capacity and the advance reservation of capacity on our website.

<https://www.nationalgridgas.com/capacity>

<https://www.nationalgridgas.com/connections/reserving-capacity-parca-and-cam>

About this Document

This guide explains the process and key information that National Grid requires from an applicant to produce and issue a Connection Offer.

Please ensure that you have read and understand the full terms and conditions located in Section 6 of this document prior to submitting your application.

Table 1 of this document provides applicants with a description of the minimum information required' the data elements' the associated parameters and the units that are acceptable to progress an Initial or Full Connection Offer to be made by National Grid.

In some circumstances, additional information may be required to successfully begin or complete a Connection Offer and where this is the case the customer will be contacted at the earliest opportunity.

This statement is effective from 28th January 2019.

This document has been published by National Grid in support of the Statement and Methodology for Gas Transmission Connection Charging.

If you require further details regarding any of the information contained within this guide you can contact us via email at:

.box.UKT.Customerlifecycle@nationalgrid.com Or by post to:

Gas Customer Manager
National Grid plc
National Grid House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA

Process for Standard and Bespoke Connection Applications

Portal Registration

To control access to the application, a registration system has been created. This allows you to register your company, contact details and create a username and password.

The picture below shows the top section of the customer registration screen.

Home / Register

ACCOUNT LOGIN DETAILS

Enter your email address and a password. An email verification will be sent to the address provided. The password will be required to login to this account.

Required fields are indicated by a red asterisk *.

Email address *	Confirm Email Address *
<input type="text" value="john.smith@GasProducer.com"/>	<input type="text" value="john.smith@GasProducer.com"/>
Password *	Confirm Password *
<input type="password" value="....."/>	<input type="password" value="....."/>

Password strength

Strong

Each user account is provided with a limited number of cost estimate requests. Once these have been used, you can request an increase from National Grid. National Grid will verify new company or users who are registering and confirm via email. The first user request from your company will automatically be assigned the portal administrator role.

Application Submission

Standard Design Connection

The National Grid Gas Connections Portal will determine if your requirements based on location and flow can be met by a Standard Design Connection.

The automated selection process of a Standard Design Connection is as follows;

A connection with a flow rate less than 229.294 Scm/hr x1000 (57.3gwh/d)

Type of connection Entry, Exit, Storage or Combined

Multi-Junction (dependent on footprint)

For a new Connection to the NTS pipeline (subject to further assessment).

This document highlights when a connection is suitable to be considered for a Standard Design Connection (SDC) and provides further detail around the methodology of the selection rules and calculations.

To be eligible for consideration of a SDC, the customer connection requirements need to be as follows;

- **A connection with a flow rate less than 229.294 Scm/hr x1000**
- **A connection for a single end user**

A SDC will be considered for the following locations:

- **Connection within an existing National Grid Block Valve or Multi Junction AGI (dependent on site pre-assessment)**

There are other rules and calculations to identify which type of SDC, or which location is most suitable to the customer parameters. However, if there is space available on the existing National Grid site or in the location of a new connection to the NTS pipeline, a quote may be generated.

Some sites which are closer to your location may be suitable for a connection. These are not given a quote but will be identified as “Requires Further Investigation”. These applications will require an extra layer of review prior to offering you the connection offer/quote, but the Standard Design Connection designs may still be used.

Flow Rate and Pressure

The standard connection design allows a flow rate of **up to 229,294 Scm/hr or 57.3GWh/day** and the connections come in 3 sizes (see below)

80mm	1.478 - 15.056	Scm/hr x1000
200mm	15.057 - 101.942	Scm/hr x1000
300mm	101.943 - 229.294	Scm/hr x1000

All block valves, multi-junctions and pig traps have been assessed as to their suitability for a Standard Design Connection.

A site is marked in the portal as “Further Investigation Required” if it may not accommodate a Standard Design Connection on the existing site (including all extension options).

If you request a greenfield location, the portal will indicate the nearest point on NTS as your connection point by the Portal (subject to validation). You will then have the option to request a different connection point in the application process if you have particular land interests.

Note that the point indicated by the portal is subject to further assessment and may not be the most optimal point of connection.

Pressure

The maximum operating pressure (MOP) for the NTS is 38barg to 94barg dependent upon the connection point location.

Standard Design Connection Types

Other than the size of the connection there are three groups of connections

- Connection skid without a ROV (Exit Only)
- Connection skid with ROV (entry)
- Simplified Connection (exit only and non-ROV)

The type of connection is chosen via your details entered.

The following is submitted:

Maximum required flow rate.	- This will determine the size of connection required
Connection type	- This will narrow the search
Maximum delivery pressure	- Ensures Pressure meeting NTS requirements
Their Site location	- This will locate the closest AGI or pipeline

Type of Connection

Depending on the type of connection that you require, a suitable Standard Design Connection is chosen. For example:

If you select an Entry, Storage or combined connection the SDC must be a ROV connection

Or;

If you select an exit connection it can be a Simplified Connection or Manual Skid. The type of connection offered will depend on the Block Value configuration, or if a connection to the NTS pipeline.

Customer Site Location / Suitable AGI

Once we have acquired your location, we can locate the closest pipeline connection (as the crow flies) or the closest Above Ground Installations. This information combined with the most suitable Standard Design Connection types for your requirements enables analysis within the data base for a viable AGI.

Please note all Block Valve AGIs have undergone a full desktop assessment to ascertain if they are viable connection points, require further investigation, or are non-viable. Through this assessment we determine the attributes required for the selection process. The key attributes that would affect the site being viable or non-viable are:

Available space within the AGI

Bridle pipework size - (the bridle pipework is smaller than the Connection size)

If the block value site has unusual characteristics

You will receive a cost estimate for the closest viable existing connection point and an indication of sites nearer but require further investigation by National Grid.

[The Statement for Gas Transmission Connection Charging – effective 28th January 2019](#)

Standard Design Connection application fee is £13K, this is a fixed fee taking 3 months from a competent application to offer.

This fee will continue to be reviewed by the Contract Management Team and revised if required following the first several applications received.

If an application requires a Feasibility study an additional 3 months is added to the Application to Offer period. Therefore, applications that require a feasibility study still have a timeframe of 6 months from application deemed competent to offer release to customer.

The cost of a feasibility study is an additional £14K. Therefore, in a situation where a feasibility study is required the customer pays Application Fee (£13K) + Feasibility Fee (£14K). The Feasibility Fee is reconcilable.

A Non-standard Design Connection is referred to within the connection portal as a Bespoke connection – the timeframe for the Application to Offer process in this situation is 6 months or 9 months with a feasibility study.

A Feasibility Study is required if project site is flagged in connections portal as “requires further investigation” – most of the MJs and more complex sites will be flagged in this way.

A greenfield connection requires further assessment and therefore is considered to be a Bespoke Application for the purposes of Application. Standard Design principles will be used where possible and the most economic connection solution offered.

The level of the Connection Application Fee that will be paid by a customer is subject to qualification against connection criteria as shown below:

Standard Design	Standard Design Feasibility Study (Additional fee if required)
<p><u>All</u> of the following are satisfied:</p> <p>The proposed NTS connection will have a flow rate of no greater than 229 kscmh/hr (57.3 gwh/d) based on a design pressure of 38barg.</p> <p>and;</p> <p>The proposed NTS connection can utilise the 80mm, 200mm or 300mm Standard Designs in accordance with the document “National Grid T/PM/G/19 – Management Procedure for Application of Model Design Appraisals or Entry and Exit Connections up to 300mm Minimum Offtake Connections</p> <p>and;</p> <p>the proposed NTS connection will be located at an existing NTS Connection which can accommodate the Standard Design~</p> <p>and;</p> <p>National Grid is not required to construct the customer’s pipeline connection from the NTS to the customer facility</p> <p>and;</p> <p>National Grid has not undertaken any feasibility study which demonstrated that the Standard Design cannot be accommodated at the proposed connection location</p>	<p>One or more of the following are satisfied:</p> <p>the proposed connection meets the criteria of a Standard Design connection.</p> <p>and;</p> <p>the proposed NTS connection will offtake gas at a ramp-rate of > 50 MW per minute</p> <p>and/or;</p> <p>the proposed NTS connection will have a physical influence on the existing NTS compressor stations</p> <p>and/or;</p> <p>the proposed NTS connection will have a physical influence on the existing NTS Multijunctions or Pig Traps.</p> <p>and/or.</p> <p>the proposed NTS connection is into an existing NTS location site which requires further investigation</p>

Note i) that a Standard Design Connection fee does not include the cost of a Standard Design Feasibility Study and if this is deemed to be required then the Standard Design Feasibility Study fee will be required to be paid in addition.

Note ii) that a Standard Design Connection fee does not include for National Grid to carry out any additional study or assessment in relation to Gas Quality monitoring process safety systems for Entry Points.

Non – Standard Design Connections

Simple	Medium	Complex
<p><u>All of the following are satisfied:</u></p> <p>The proposed connection does not meet the Standard Design criteria</p> <p>and</p> <p>and;</p> <p>the proposed NTS connection will be located in a greenfield (undeveloped) site</p> <p>and;</p> <p>If Exit, the proposed NTS connection will offtake gas at a ramp-rate of <= 50 MW per minute</p> <p>and;</p> <p>the proposed NTS connection will not have a physical influence on existing NTS connection points</p> <p>and;</p> <p>the proposed NTS connection will not have a physical influence on existing NTS compressor stations</p> <p>and;</p> <p>National Grid is not required to construct the customer’s pipeline connection from the NTS to the customer facility</p> <p>And;</p> <p>If Entry, does not require 20D gas quality monitoring on the NTS as demonstrated by a GQ8</p>	<p>One or more of the following are satisfied:</p> <p>The proposed connection does not meet the Standard Design criteria</p> <p>and</p> <p>the proposed connection is an NTS entry point (the requirement for 20D gas quality monitoring will determine the fee)</p> <p>or;</p> <p>the proposed connection is a storage facility directly connected to the NTS (the requirement for 20D gas quality monitoring will determine the fee)</p> <p>or;</p> <p>the proposed NTS connection will offtake gas at a ramp-rate of > 50 MW per minute</p> <p>or;</p> <p>the proposed NTS connection will have a physical influence on the existing NTS connection points</p> <p>or;</p> <p>the proposed NTS connection will have a physical influence on the existing NTS compressor stations</p> <p>or;</p> <p>the proposed connection is at the extremity of the NTS</p> <p>or;</p> <p>National Grid is required to construct the</p>	<p>In addition to meeting one or more of the connection criteria for ‘Medium’:</p> <p>the proposed connection will require significant changes in operational requirements to an existing National Grid above ground installation (AGI) and/or Metering Installation</p> <p>and/or;</p> <p>the proposed connection will require extensive infrastructure changes to the NTS e.g. re-routing or re-siting</p>

assessment to the satisfaction of National Grid.	customer's pipeline from the NTS to the customer facility	
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<p>Minor Modification to existing NTS Apparatus</p> <p>Change in Meter Settings Adjusting Regulator Settings</p> <p>This category does not cover any physical removal or installation of assets.</p>	<p>Ramp Rate Study Only (changes in flow rates to existing NTS Apparatus)</p> <p>A ramp rate increase over 50 MW per minute may trigger a ramp rate study (this may include a transient study where appropriate).</p> <p>This category does not cover any physical removal or installation of assets.</p> <p>This fee includes for the transient study if required. If not required this will be returned in the reconciliation of fees.</p>
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Competent Application

A competent Application will be required to fulfil the following criteria:

An Application Form submitted which has been correctly completed.

An Application Form submitted which is technically competent (includes all information that National Grid deem essential to make a formal Connection Offer as set out in Table 1).

An Application Fee as stated in the UNC Section Y' Gas Charging Statement must be deposited with National Grid as cleared funds.

Application Fees

Should any combination be applied for (for example, Exit and Storage), the fee will be the higher of the individual fees.

Category	Timescales to provide a Full Offer				+Ramp Rate Study Application Fee
		Exit	Entry	Storage	
Standard Design (Fixed fee)	Up to 3 months	£13,000	£13,000		
Standard Design Feasibility Study (additional fee)	Additional 3 months	£14,000	£14,000		£42,000
Simple (greenfield) Connection	Up to 6 months	£45,000*	£45,000 #		
Medium Connection	Up to 9 months	£75,000**	£75,000** #		
			£109,000**		
Complex Connection	Up to 9 months	£406,000**	£406,000**		
Minor Modifications	Up to 6 months	£30,000*	£30,000*		
Disconnection	Up to 6 months	£70,000**	£70,000**		
Decommissioning	Up to 9 months	£153,000**	£153,000**		
<p>* Feasibility Studies are not required for this category type</p> <p>** A Feasibility Study, Ramp Rate Study, transient analysis, or all three may be undertaken depending on the customer requirements for this category type. Where a Ramp Rate Study is required the Application Fee for a Ramp Rate Study will be added.</p> <p># Where 20D gas quality monitoring is not required - Customers can avoid the requirement to install NTS gas quality monitoring equipment 20 diameter lengths either side of the connection by providing their own monitoring equipment and process for ensuring non GSMR gas does not enter the NTS to the satisfaction of National Grid.</p>					

Timelines

Standard Design Connection Journey



Bespoke Connection Journey



Notification of Acceptance and Clock Start

Customer Notification

Notification of acceptance will be issued by National Grid NTS as soon as reasonably practicable from the date of receipt subject to the application being a 'Competent Application'. This will trigger the 'Notification of Acceptance' which is the formal indication from National Grid to the Applicant that the process of creating an Offer has commenced.

The email system has been designed to generate emails to notify users that an application has moved to the next stage. To view the status of the application a "Customer Journey" screen has been created for each application type (standard connection, bespoke connection and PARCA).

Notification of Non-Acceptance

If the application is not accepted by National Grid NTS, a written notification of non-acceptance and reasons for non-acceptance shall be provided to the Applicant. This will be issued as soon as reasonably practicable and in any case no longer than 5 working days from the date of receipt.

Incomplete Information

Where National Grid NTS considers that any information provided by the Applicant is incomplete or unclear, or further information is required, the Applicant will be requested to provide further information or clarification as soon as reasonably practicable and in any case no longer than 5 working days from the date of receipt.

Withdrawal of Application

The Applicant may withdraw by written notification a Connection Offer Application at any time before the Offer is made. If the Application Fees is for an Initial Connection Offer, the Application Fee is fixed and therefore no refund will be issued.

If the Application Fee is for a Full Connection Offer the Application Fee is Variable and therefore a refund minus a deduction for actual costs reasonably incurred by National Grid NTS in preparing the Connection Offer up to that point.

Feasibility Study Requirement

Criteria and Assessment

If the request for a new NTS connection is a Minimum Greenfield Connection <50 MW/Min Ramp Rate - National Grid will advise the customer whether there is a requirement for a Feasibility Study.

Please note that there is an additional cost of £14,000 for a Standard Design Feasibility Study, fully reconcilable on completion. This will take up to an additional three months, dependent upon the complexity of site specifics.

Issue Offer

What you will receive

Offer Information

The online connections portal will provide you with electronic copies of your connection offer. The Gas Contracts team will download of all files relating to the application and connection and issue.

There is an upload facility to allow you to upload a signed copy of the connection offer and submit it to National Grid.

The tables in this section documents the process and key information that National Grid requires from an applicant to produce an offer. The period from Clock Start (Competent Application) to Issue Offer is dependent on the type of Offer to be made.

- Initial Connection Offer (ICO): Within 2 months
- Full Connection Offer (FCO): Standard Design Connection- within 3 months
- Full Connection Offer (FCO): Conceptual Design Study - within 6 months
Full Connection Offer: Feasibility Study – Additional 3 months

Summary of Responsibility

This table sets out a summary of responsibilities for customers and National Grid. Specific divisions of responsibility will be detailed with the relevant contracts.

A customer is responsible for	National Grid is responsible for
<p>The design, procurement, construction, commissioning and ongoing operation and maintenance of Customer Assets which are required to perform the following functions:</p> <p>Convey gas at National Grid line pressure (Circa 70Bar) from the National Grid assets to the location at which the Customer requires the gas to be used. This typically will involve construction of a gas pipeline.</p> <p>Metering of this gas (suggest add text to indicate the nature of the metering)</p> <p>Gas Quality Monitoring of any entry connection gas and analysis that may be required for the metering calculation requirements.</p> <p>For entry connections, any process that is required to ensure that the gas entering the Network complies with legislation</p> <p>Any Pressure Regulation or Compression that may be required depending on the nature of the connection.</p> <p>A Telecoms & Data interface housing to provide details from the Customers plant, specifically pressures and metering data back to National Grid. To include appropriate connections to the National Grid site Telecoms</p>	<p>The design, procurement, construction, commissioning and ongoing operation and maintenance of the National Grid assets which will perform the following function:</p> <p>A suitable connection to the National Grid Network. Sufficient valve arrangements to ensure gas flows can be managed and that the assets can be maintained.</p> <p>A Telecoms & Data interface housing to relay details received from the Customers plant, specifically pressures and metering data back to National Grid GNCC via appropriate means.</p>
<p>It should be noted that High Pressure Gas Assets are covered by various areas of Legislation. It is suggested that a review of this legislation is undertaken prior to seeking a High Pressure Gas Connection to understand the requirements, for example the likely requirement for Customers to become a Pipeline Operator under the Pipeline Safety Regulations 1996.</p>	
<p>Managing the commissioning of the Customer Assets and ensuring appropriate documentation is provided to National Grid to allow a connection to proceed. This documentation will also include verification of the metering and ensuring that National Grid are invited to witness verification.</p>	
<p>Provision of an Electrical supply for sole use by National Grid</p>	

Land acquisition if required with access/egress for the National Grid connection facility. In addition to any land required for the Customers Assets.	
Temporary facilities, largely by way of land take for Construction / site accommodation purposes.	
Provision of a Telecommunications line for sole use by National Grid	
Consents and Notifications that may be required for successful completion of the works such as Planning Permissions, environmental consents etc.	

What is included in my connection?

What is included in the Cost Estimate?

The following items are included in this Cost Estimate to build a Minimum Connection (National Grid MOC site only):

- Detailed Design
- Project Management
- Materials (including telemetry kiosk for connections with a Remotely Operable Valve only)
- Contractor Cost
- National Grid Staff Cost

The following items are NOT included in this cost estimate:

- The pipeline between your site and the connection site (including any required land)
- Any other equipment or works required to transport gas between your site and the connection point (including electrical connection)
- Any equipment or works needed to ensure the gas is suitable for entry into, or exit out of, the gas transmission network (e.g. gas compression/decompression, gas quality monitoring, metering)
- Costs associated with obtaining planning permission for new or extensions to National Grid sites.
- Costs associated with the purchase of third party land which is required to accommodate the MOC.
- The provision of a permanent electricity supply to the MOC site.
- The provision of a ADSL communication cable from local exchange point to the MOC.
- Any equipment to add odour in to the gas supplied from the NTS which has no perceivable odour.
- The Application Fee – An application fee will be required on application for a Connection Offer. These fees are contained within the Statement for Gas Transmission Connection Charging and are available on our website <https://www.nationalgridgas.com/connections/applying-connection>
- Any item that is the responsibility of the customer as detailed in the Summary of Responsibilities document.

Tables – Data Elements

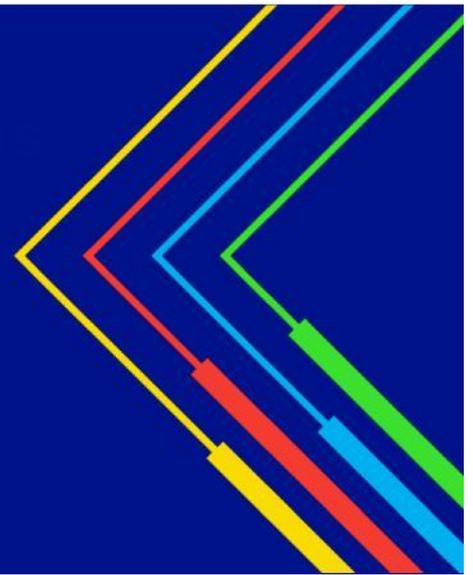
Data Input Parameters

Application Section location	Data Title	Further tooltip
Indicative Cost Estimate Journey	Type of Connection required	Select the type of connection required. Refer to "What Types of Connection are Available?" below for details.
	What is your maximum required flow rate?	Enter the maximum required flow rate in standard cubic metres per hour (Scm/hr). From the drop down list choose either Scm/hr x 1000 or Scm/hr.
	What is your maximum delivery pressure?*	Enter the maximum delivery pressure (barg). National Grid will confirm if this is acceptable
	What is your maximum required offtake rate?	Enter the maximum required offtake rate in standard cubic metres per hour (Scm/hr). From the drop down list choose either Scm/hr x 1000 or Scm/hr.
	What is your maximum offtake pressure?*	Enter the maximum required offtake pressure (Barg). National Grid will confirm if this can be provided
Registered Company Details	Country of Incorporation	The country in which the company is incorporated or legally registered
	Company Number	Unique number issued when a company is incorporated or legally registered
	Company Name	Full and official name of legally registered company assigned to company number stated (as Company's House if registered in UK)
	Address	Full registered address of legally registered company assigned to company number stated
	Parent Company Name (If Known)	Full and official name of parent company if appropriate
	Shipper Short Code (If Known)	If the company applying has a Shipper Licence within the UK and has acceded to the Uniform Network Code. please give the Shipper Short Code used in the Gemini system - 3 letters. If not enter N/A
	Telephone Number	Telephone number of the registered company
	Fax Number	Fax number of the registered company
Commercial contact	First Name	Full first name of company commercial contact who National Grid should contact regarding this application.
	Last Name(s)	Full last name of company commercial contact
	Job Title*	Job title of company commercial contact
	Address*	Full business address of company commercial contact
	Email address	Email address of company commercial contact
	Telephone Number	Telephone number of company commercial contact

	Fax Number	Fax number of company commercial contact
Invoice Contact	First Name	Full first name of company invoice contact
	Last Name(s)	Full last name of company invoice contact
	Job Title	Job title of company invoice contact
	Address	Full business address of company invoice contact
	Email address	Email address of company invoice contact
	Telephone Number	Telephone number of company invoice contact
	Fax Number	Fax number of company invoice contact
	Customer purchase order number (if available)	If you have a Purchase Order number you would like us to use when raising invoices please provide here.
	Summary of Connection Application	Details should be provided of the nature of the Project to be connected, connection required and any specific information to assist your application.
	Type of Connection required*	The type of connection required should be selected from the list. This should be consistent with any details provided for a Cost Estimate.
	Will you require gas from the NTS for commissioning purposes?*	Indicate with Y/N if you will require to use NTS gas to commission the new connection.
	First gas flow date required for commissioning purposes	Enter date that gas is first expected to be required to flow from or into the NTS
	First gas flow date required for commercial purposes	Enter the date that capacity within the NTS is expected to be required for information. This does not confirm Capacity rights. Capacity must be acquired via the Uniform Network Code processes. NTS Capacity is required to flow gas.
ENTRY	Maximum required instantaneous delivery rate	Enter the maximum required instantaneous delivery rate in standard cubic metres per hour (Scm/hr). Choose from the drop down list either Scm/hr or Scm/hr x 1000
	Peak hourly energy flow	Enter the peak hourly energy flow in Gigawatt Hours per hour (GWh/h)
	Maximum required daily delivery rate	Enter the maximum required daily delivery rate in standard cubic metres per hour x 1000 (Scm/hr x 1000).
	Capacity requirement	Enter the daily capacity required in Kilowatt hour per day (kWh/day)
	CV used for energy/volume conversions	Enter the calorific Value (CV) used for energy/volume conversion in Megajoules per metre ³ (MJ/m ³). For the NTS the range should be 36.9MJ/m ³ to 42.3MJ/m ³ as stated in the National Grid Gas Ten Year Statement
	Own use gas requirements	text as per tool Tip in portal
	Offtake	Enter offtake rate in Megajoules per minute (MJ/min). Above 50 MW/min may require National Grid to carry a ramp rate study to determine the impact on the wider NTS. For "Entry-only" connections, enter 0.

	Delivery	Enter delivery rate in Megajoules per minute (MJ/min). Above 50 MW/min may require National Grid to carry a ramp rate study to determine the impact on the wider NTS. For "Exit-only" connections, enter 0.
	Emergency shut down	Enter the Emergency Shutdown (ESD) rate in Megajoules/minute (MJ/min).
Connection Offer page	Type of Request	A Full Connection Offer provides an offer including Conceptual Design study. An Initial Connection Offer is a feasibility for the connection and a Full Connection Offer would still be required. Application Fees are applicable and can be found in the Connection Charging Statement.
Bespoke - New Connection	Summary of Connection Application	
	Maximum anticipated delivery pressure*	Enter the maximum delivery pressure (barg). National Grid will confirm if this is acceptable
	Maximum required instantaneous offtake rate	Enter the maximum instantaneous offtake rate in standard cubic metres per hour (Scm/hr). From the drop down list choose either Scm/hr x 1000 or Scm/hr.
	Peak hourly energy flow	
	Maximum required daily offtake rate	Enter the maximum required daily offtake rate in standard cubic metres per day (Scm/day). From the drop down list choose either Scm/hr x 1000 or Scm/hr.
	Capacity requirement	
	Minimum required offtake pressure	Enter the minimum required offtake pressure (Barg). National Grid will confirm if this can be provided

Terms and Conditions for Gas Connections and/or Reserving Capacity



Guidance note: At each stage of a gas connection and/or the reservation of capacity, you will be asked to agree to terms and conditions, however, not all of the terms and conditions which follow apply to each stage of a gas connection and/or the reservation of capacity. Paragraph 1.3 explains which of these terms and conditions are applicable to each stage of a gas connection and/or the reservation of capacity e.g. if you are applying to connect, but not reserve capacity, paragraphs 1-4 and 6 and 7 will apply, but paragraph 5 will not..

1 INTRODUCTION

- 1.1 The Portal.** The Portal on which these terms and conditions are located (the “**Portal**”) is the means by which you may apply to connect to and reserve capacity on the gas national transmission system. These terms and conditions apply to the use of the Portal and those applications.
- 1.2 Definitions.** In these terms and conditions references to “**we**”, “**our**” and “**us**” refer to National Grid Gas plc and references to “**you**” and “**your**” refer (save for 2.2 below) to the company using the Portal, the Connection Applicant (as defined in the UNC) and/or the PARCA Applicant (as defined in the UNC). These terms and conditions use terms defined in the document known as the Uniform Network Code which governs the transportation of gas in Great Britain (the “**UNC**”).
- 1.3 What these terms cover.** The following paragraphs of these terms and conditions apply as follows:
- (a) Paragraph 2 applies when you register to use the Portal to:
 - (i) connect to the NTS (as defined in the UNC) at a new System Point (as defined in the UNC),
 - (ii) modify an existing System Point,
 - (iii) disconnect a System Point from the NTS, or
 - (iv) reserve System Capacity (as defined in the UNC) using a PARCA (as defined in the UNC).
 - (b) Paragraph 3 applies when you request the Portal to generate an estimate of a range of the cost (a “**Cost Estimate**”) to connect to the NTS at a new System Point with a Standard Design Connection (as defined in the UNC),
 - (c) Paragraph 4 applies when and is the means by which you submit a Connection Application (as defined in the UNC),

- (d) Paragraph 5 applies when and is the means by which you submit a PARCA Application (as defined in the UNC).
- (e) Paragraphs 6 and 7 apply generally in relation to these terms and conditions and the Portal.

2 REGISTRATION TO CONNECT AND / OR RESERVE CAPACITY

- 2.1 **Terms applying by using the Portal on the “nationalgrid UK” website.** By using the website “nationalgrid UK” on which the Portal is located you are subject to the Terms and Conditions and Privacy Policy <https://www.nationalgrid.com/group/privacy-policy> of that website. Those Terms and Conditions and that Privacy Policy apply equally to your use of the Portal.
- 2.2 **Personal Data.** The personal data you, as an individual, provide through the Portal will be used to contact you, as an individual, regarding the application made by the company which you represent. We respect your, as an individual's, Personal Data and will not pass your Personal Data to any third person without your consent, unless required to do so by law. Your, as an individual's, Personal Data will be managed in line with the General Data Protection Regulations 2016/679 and the Data Protection Act 2018. To find out how we manage your, as an individual's, Personal Data, please see the National Grid Privacy Policy at <https://www.nationalgrid.com/uk/privacy-policy>.
- 2.3 **Accuracy of information.** Please ensure that the information with which you provide us is accurate. We will rely on it for the purposes of your application through the Portal and will not take any steps to verify its accuracy.

3 REQUESTING A COST ESTIMATE

- 3.1 **Non-binding estimate.** A Cost Estimate is generated by the Portal and is only an approximate estimate of a range of the cost to connect and should not be relied on by you. In particular, a Cost Estimate should be used for indicative purposes only because it may assume a connection to the gas national transmission system at a point which may not be practical, or the optimal solution. Any Cost Estimate will be validated by us if you submit a Connection Application (as defined in the UNC). Even once validated, the Cost Estimate may be substantially different from our estimate of your costs contained in any Connection Offer (as defined in the UNC) which we may subsequently make to you. Any Cost Estimate contained in any Connection Offer will remain an estimate and the estimated construction costs will be reconciled against the actual cost of connection, modification or disconnection in accordance with the terms of the Construction Agreement (as defined in the UNC and also known as the Connection Construction Agreement) and Section Y of the Transportation Document of the UNC.
- 3.2 **Number of non-binding estimates.** The number of requests made by you for a Cost Estimate shall not exceed 50 in any period of 12 months, without our written approval.
- 3.3 **Validity of Cost Estimate.** A Cost Estimate shall only be valid for 3 months after the date on which it is provided.

4. SUBMITTING A CONNECTION APPLICATION

- 4.1 Submitting a Connection Application.** By clicking "[SUBMIT APPLICATION](#)" you are submitting a [Connection Application](#). Your Connection Application will include (a) the data which you have uploaded onto the Portal; and (b) these terms and conditions by which you agree to be bound.
- 4.2 Connection Application Fee.** The "Statement for Gas Transmission Connection Charging" (found on our [Connection webpage](#)) applies to your Connection Application and if you submit a Connection Application, you shall pay the Connection Application Fee in accordance with that statement. If the fee applicable to your application is a fee in respect of a Standard Design Connection, this fee is non-refundable regardless of the extent of any difference between your Cost Estimate and the estimated cost of connection, modification or disconnection set out in your Connection Offer and whether, or not we agree the terms of a Connection Construction Agreement.
- 4.3 Terms of the UNC applying to a Connection Application.** If you are a User (as defined in the UNC) the terms of the UNC shall apply to your Connection Application. If you are not a User, you agree that the following provisions (or their equivalent following any renumbering of the UNC) of the UNC are incorporated into and shall apply, mutatis mutandis, to your Connection Application provided that references to (i) "User" shall be references to you, the Connection Applicant, (ii) references to "Transporter" shall be references to us and (iii) references to the "Code" or "Framework Agreement" shall be references to this Connection Application:
- General Terms Section B, Paragraph 3 (*Force Majeure*);
 - General Terms Section B, Paragraph 6 (*General*);
 - Transportation Principal Document ("TPD") Section S, Paragraph 5 (*Invoicing and Payment*);
 - TPD Section V, Paragraph 5 (*Confidentiality*), Paragraph 8 (*Liabilities and Indemnities*) and Paragraph 13 (*Connection Applications*);
 - TPD Section Y Section 5 (*Connection Charging Methodology*).
- 4.4 Other terms applying to a Connection Application.** If you proceed with a Connection Application you will be required to enter into a Construction Agreement (as defined in the UNC), also known as a "Connection Construction Agreement", containing the terms on which your connection work will be carried out. Other terms and conditions may apply in relation to your Connection Application. More information about the process and terms applying to a Connection Application can be found on the "nationalgrid gas UK" [Connection webpage](#).

5. SUBMITTING A PARCA APPLICATION

- 5.1 Submitting a PARCA Application.** By signing the document called "[PARCA Application](#)" in the [appendix to these terms and conditions](#) and uploading it onto the Portal you are submitting a PARCA Application. Your PARCA Application will include (a) the data which you have uploaded onto the Portal; and (b) these terms and conditions by which you agree to be bound.
- 5.2 PARCA Application Fee.** The "Statement for Gas Transmission Connection Charging" (found on our [Connection webpage](#)) applies to your PARCA Application and if you submit PARCA Application, you shall pay the PARCA Application Fee in accordance with that statement. The PARCA Application Fee is subject to change in accordance with that statement.

5.3 Terms of the UNC applying to a PARCA Application. If you are a User the terms of the UNC shall apply to your PARCA Application. If you are not a User, you agree that the following provisions (or their equivalent following any renumbering of the UNC) of the UNC are incorporated into and shall apply, mutatis mutandis, to this PARCA Application provided that references to “User” shall be references to the PARCA Applicant, references to “Transporter” shall be references to us and references to the “Code” or “Framework Agreement” are references to this PARCA Application:

- General Terms Section B Paragraph 3 (*Force Majeure*);
- General Terms Section B Paragraph 6 (*General*);
- TPD Section B Paragraph 1.2.1 and 1.14 to 1.18 inclusive (*Introduction*), Paragraph 2 (*NTS Entry Capacity*) and Paragraph 3 (*NTS Exit Capacity*);
- TPD Section S Paragraph 5 (*Invoicing and Payment*);
- TPD Section V Paragraph 5 (*Confidentiality*) and Paragraph 8 (*Liabilities and Indemnities*); and
- TPD Section Y Section 5 (*Reservation of Capacity through a PARCA*).

5.4 Other terms applying to a PARCA Application. If you proceed with a PARCA Application you will be required to enter into a PARCA (as defined in the UNC), an agreement containing the terms on which capacity is reserved. Other terms and conditions may apply in relation to your PARCA Application. More information about the process and terms applying to a PARCA Application can be found on the “nationalgrid gas UK” website [PARCA webpage](#).

6. OTHER TERMS

6.1 Inconsistency with UNC. If there is any inconsistency, or conflict between anything contained, or referred to in these terms and conditions, or the Portal and the UNC, the UNC shall prevail.

6.2 Disclaimer. We disclaim any liability to you for the content or performance of the Portal and we have no obligation to ensure its content is correct or up to date.

6.3 Security. The details registered with the Portal are for your use only. You shall not give the password required to access the Portal to anyone else.

6.4 Laws applying to these terms and conditions and where legal proceedings shall be brought. Any dispute or claim arising out of, or in connection with, the use of the Portal (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales and the courts of England and Wales shall have exclusive jurisdiction to settle any such dispute or claim.

7. GENERAL INFORMATION AND GUIDANCE

7.1 General information and guidance on the process and the Portal. This can be found in the following:

- The Portal User guide

- The Connections guide
- FAQs

7.2 Contact details. If you have any questions regarding the Portal, your application or the above terms please contact us at box.UKTcustomerlifecycle@nationalgrid.com.

Appendix to the terms and conditions for gas connections and/or reserving capacity

PARCA APPLICATION

by

[customer to please add company name]

By signing this document and uploading it onto the National Grid Gas Connections Portal located on the website "nationalgrid UK" we are submitting a PARCA Application (as defined in the document known as the Uniform Network Code which governs the transportation of gas in Great Britain) to National Grid Gas plc.

Our PARCA Application is made subject and in accordance with the Terms and Conditions for Gas Connections and/or Reserving Capacity found on that portal and will include the data which we have uploaded onto that Portal.

I am duly authorised to and do submit this PARCA Application to National Grid Gas plc on behalf of **[customer to please add company name]**

Signed

Dated

Associated Documents

You may find these related links useful

The Uniform Network Code, Transportation Principal Document

<http://www.gasgovernance.co.uk/TPD>

NTS Connections process defined in UNC TPD, Section V

https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/page/2019-01/22%20TPD%20Section%20V%20-%20General_2.pdf

NTS Connections Charging Methodology defined in UNC TPD, Section Y

<https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/page/2019-01/24%20TPD%20Section%20Y%20-%20Charging%20Methodologies.pdf>

Statement for Gas Transmission Connection Charging

<https://www.nationalgridgas.com/sites/gas/files/documents/The%20Statement%20for%20Gas%20Transmission%20Connection%20Charging%20v%208%20-%20effective%20%20301018.pdf>

PARCA – Reservation of Capacity

<https://www.nationalgridgas.com/connections/reserving-capacity-parca-and-cam>

Land and Development

<https://www.nationalgridgas.com/land-and-assets/planning-and-development>

Gas Transmission Capacity Guidelines

https://www.nationalgridgas.com/sites/gas/files/documents/45759-Capacity%20Guidance%20Doc_v1_0-140616.pdf

Ofgem <https://www.ofgem.gov.uk/>

National Grid Ten Year Statement

www.nationalgrid.com/gtys

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